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PATENT  
Attorney Docket No.: SAM-0464  
Customer No.: 29344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ho-sung Song, *et al.*  
Serial No.: 10/607,634  
Filing Date: June 27, 2003  
Title: SEMICONDUCTOR MEMORY DEVICE HAVING OUTPUT DRIVER FOR  
HIGH FREQUENCY OPERATION

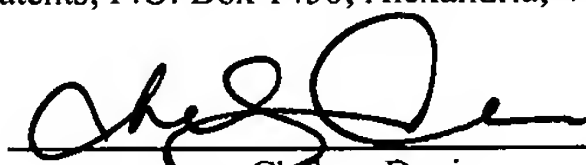
Examiner: Le, T. Q.  
Group Art Unit: 2818

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

11/15/04

Date

  
Chelsey Davis

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

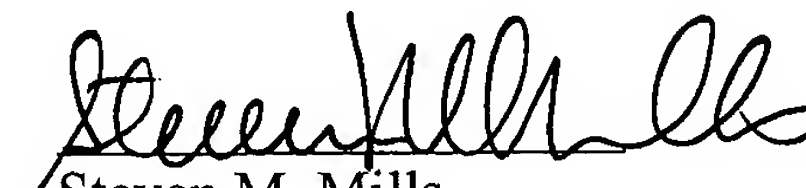
Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. Amendment Transmittal;
2. Amendment A in response to Office Action mailed on August 13, 2004; and
3. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: 11/15/04  
Mills & Onello LLP  
Eleven Beacon Street, Suite 605  
Boston, MA 02108  
Telephone: (617) 994-4900  
Facsimile: (617) 742-7774  
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Steven M. Mills  
Registration Number 36,610  
Attorney for Applicant



PATENT  
Attorney Docket No.: SAM-0464

THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

Sir:

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is

- ☐ a small entity.
- ☒ other than small entity.

EXTENSION OF TERM

3. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply.

- (a) ☐ Applicant petitions for an extension of time under 37 CFR 1.136

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Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/> one month	\$110.00	\$55.00
<input type="checkbox"/> two months	\$430.00	\$215.00
<input type="checkbox"/> three months	\$980.00	\$490.00
<input type="checkbox"/> four months	\$1,530.00	\$765.00

Fee \$ \_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

OR

(b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

### FEE FOR CLAIMS

4. The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

CLAIMS AS AMENDED						
	(1)		(2)	(3)		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	9	minus	20	0	x \$18	\$0
INDEPENDENT CLAIMS	3	minus	3	0	x \$88	\$0
MULTIPLE DEPENDENT CLAIM ADDED	No				\$300	
				TOTAL		\$0
If applicant has small entity status under 37 CFR 1.9 and 1.27, then divide total fee by 2 and enter amount here.				SMALL ENTITY TOTAL		

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(c) ☒ No additional fee for claims is required.

OR

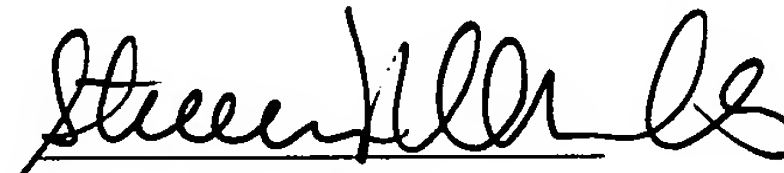
(d) ☐ Total additional fee for claims required \$ \_\_\_\_\_

FEE PAYMENT

5. ☐ Attached is a check in the sum of \$ \_\_\_\_\_  
☐ Charge Deposit Account No. \_\_\_\_\_ the sum of \$ \_\_\_\_\_.  
A duplicate of this transmittal is attached.

Respectfully submitted,

Date: 11/15/04  
Mills & Onello LLP  
Eleven Beacon Street, Suite 605  
Boston, MA 02108  
Telephone: (617) 994-4900  
Facsimile: (617) 742-7774  
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Alexandria, Virginia 22313-1450

AMENDMENT A

Sir:

The following is in response to the Office Action dated August 13, 2004, and is filed within the shortened statutory period of three months. Please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Drawings** begin on page 5 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks/Arguments** begin on page 6 of this paper.

**An Appendix** including amended drawing figures is attached following page 8 of this paper.